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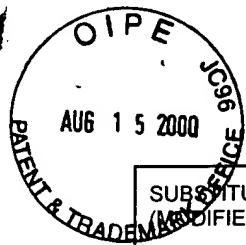
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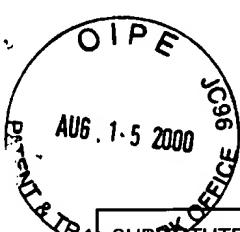
SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED 10/16/98) U.S. PATENT AND TRADEMARK OFFICE				Attorney Docket No.	50125/011001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	09/509,283	
(37 CFR §1.98(b))				Applicant	Richard Kroczek	
				Filing Date	03/22/00	
				Group	4646 1644	
				IDS Filed	August 29, 2000	
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
<u>DW</u>	Chambers and Allison, "Co-Stimulation in T Cell Responses," <i>Current Opinion in Immunology</i> 9:396-404 (1997).					
<u>JK</u>	Lucas et al., "Naive CD28-Deficient T Cells Can Initiate But Not Sustain an In Vitro Antigen-Specific Immune Response," <i>Journal of Immunology</i> 154:5756-5768 (1995).					
EXAMINER <i>JK</i>	DATE CONSIDERED <i>10/18/01</i>					
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						



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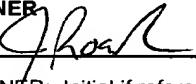
SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (AMENDED) PATENT AND TRADEMARK OFFICE				Attorney Docket No.	50125/011001	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No.	09/509,283	
				Applicant	Richard Kroczek	
				Filing Date	03/22/00	
				Group	1641	
				IDS Filed	August 10, 2000	
• FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
JHR	WO 99/15553	04/01/99	PCT REVIEWED BY JHR JHR			
JHR	WO 90/04180	04/19/90	PCT			
JHR	WO 89/10398	11/02/89	PCT			
JHR	WO 98/38216	09/03/98	PCT			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
JHR	Barbey et al., "Del Cell Line: A "Malignant Histiocytosis" CD30+ t(5;6)(q35;p21) Cell Line," <i>Int. J. Cancer</i> 45:546-553 (1990).					
JHR	Chambers and Allison, "Co-Stimulation in T Cell Responses," <i>Current Opinion in Immunology</i> 9:396-404 (1997).					
JHR	Chirgwin et al., "Isolation of Biologically Active Ribonucleic Acid From Sources Enriched in Ribonuclease," <i>Biochemistry</i> 18:5294-5299 (1979).					
JHR	Fischer et al., "A Ki-1 (CD30)-Positive Human Cell Line (Karpas 299) Established From a High-Grade Non-Hodgkin's Lymphoma, Showing a 2;5 Translocation and Rearrangement of the T-Cell Receptor β -Chain Gene," <i>Blood</i> 72:234-240 (1988).					
JHR	Freeman et al., "Cloning of B7-2: A CTLA-4 Counter-Receptor That Costimulates Human T Cell Proliferation," <i>Science</i> 262:909-911 (1993).					
JHR	Goettrup et al., "A Third Interferon- γ -Induced Subunit Exchange in the 20S Proteasome," <i>Eur. J. Immunol.</i> 26:863-869 (1996).					
JHR	Hara et al., "Human T Cell Activation," <i>Journal of Experimental Medicine</i> 161:1513-1524 (1985).					
JHR	Kirk et al., "CTLA4-Ig and Anti-CD40 Ligand Prevent Renal Allograft Rejection in Primates," <i>Proc. Natl. Acad. Sci. USA</i> 94:8789-8794 (1997).					
EXAMINER <i>JHR</i>			DATE CONSIDERED 10/18/01			
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LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>					ATTY. DOCKET NO.	APPLICATION NO.		
					7853-215	09/509,283		
					APPLICANT			
					Kroczek	FILING DATE	GROUP	
August 11, 2000					1644			
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES NO	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
JK		Buonfiglio et al., 2000, "The T cell activation molecule H4 and the CD28-like molecule ICOS are identical", Eur. J. Immunol. 30:3463-3467						
JWR		Buonfiglio et al., 1999, "Characterization of a novel human surface molecule selectively expressed by mature thymocytes, activated T cells and subsets of T cell lymphomas", Eur. J. Immunol. 30:3463-3467						
JWR		Greenfield et al., 1998, "CD28/B7 costimulation: a review", Crit. Rev. Immunol. 18:389-418						
JWR		Lenschow et al., 1996, "CD28/B7 system of T cell costimulation", Annu. Rev. Immunol. 14:233-258						
JWR		Redoglia et al. 1996, "Characterization of H4: a mouse T lymphocyte activation molecule functionally associated with the CD3/T cell receptor", Eur. J. Immunol. 26:2781-2789						
EXAMINER	<i>J. Howl</i>			DATE CONSIDERED <i>10/18/01</i>				
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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	50125/011001
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No.	09/509,283
				Applicant	Richard Kroczek
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				Group	1644
		(37 CFR §1.98(b))		IDS Filed	August 10, 2000
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
<i>JKR</i>	Lanier et al., "CD80 (B7) and CD86 (B70) Provide Similar Costimulatory Signals for T Cell Proliferation, Cytokine Production, and Generation of CTL ¹ ," <i>The Journal of Immunology</i> pp. 97-105 (1995).				
<i>JKR</i>	Linsley et al., Coexpression and Functional Cooperation of CTLA-4 and CD28 on Activated T Lymphocytes," <i>Journal of Experimental Medicine</i> 176:1595-1604 (1992).				
<i>JKR</i>	Lucas et al., "Naive CD28-Deficient T Cells Can Initiate But Not Sustain an In Vitro Antigen-Specific Immune Response," <i>Journal of Immunology</i> 154:5756-5768 (1995).				
<i>JKR</i>	Milstein and Kohler, "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity," <i>Nature</i> 256:495-197 (1975).				
<i>JKR</i>	Nishioka et al., "The role of CD40-CD40 Ligand Interaction in Human T Cell-B Cell Collaboration ¹ ," <i>Journal of Immunology</i> 153:1027-1036 (1994).				
<i>JKR</i>	Riley et al., "Intrinsic Resistance to T Cell Infection with HIV Type 1 Induced by CD28 Costimulation," <i>Journal of Immunology</i> 158:5545-5553 (1997).				
<i>JKR</i>	Schneider et al., "A One-Step Purification of Membrane Proteins Using a High Efficiency Immunomatrix," <i>The Journal of Biological Chemistry</i> 257:10766-10769 (1982).				
<i>JKR</i>	Shahinian et al., "Differential T Cell Costimulatory Requirements in CD28-Deficient Mice," <i>Science</i> 261:609-609-612 (1993).				
<i>JKR</i>	Tamatani and Tezuka, Human Cell Surface Protein, Genseq Database Accession Number W75956, Dec 11, 1998.				
<i>JKR</i>	Tamatani and Tezuka, Human Cell Surface Protein, Genseq Database Accession Number V53199, Dec 11, 1998.				
<i>JKR</i>	Vogeli and Kaytes, "Amplification, Storage, and Replicaiton of Libraries," <i>Methods of Enzymology</i> 152:407-415 (1987).				
<i>JKR</i>	Wallace and Miyada, "Oligonucleotide Probes for the Screeening of Recombinant DNA Libraries," <i>Methods in Enzymology</i> 152:432-442 (1987).				
<i>JKR</i>	Westermeier , "A Guide to Methods and Applications of DNA and Protein Separations," <i>Electrophoresis in Practice</i> VCH Verlagsgesellschaft, Weinheim, (1997).				
<i>JKR</i>	Wozney, "Using Purified Protein to Clone Its Gene," <i>Methods in Enzymology</i> 182:738-751 (1990).				
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
<i>JRN</i>		EP 984 023	2/27/98	EU			YES	NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER: 				DATE CONSIDERED <i>16/18/01</i>				

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70	Dianzani et al., 1999, "Characterization of human H4, a novel surface molecule selectively expressed by activated T cells and mature thymocytes", FASEB Journal, 13(5):712.39 Abstract # 712.39.						
2R	Lucia et al., 2000, "Expression of the Novel T Cell Activation Molecule hpH4 in HIV-Infected Patients: Correlation with Disease Status", Aids Research and Human Retroviruses, 16(6):549-557						
EXAMINER <i>J. Kroczek</i>				DATE CONSIDERED <i>10/18/01</i>			
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